HOOVER INSTITUTION ARCHIVES

EDWARD TELLER

BOX NO. 567

ACCESSION NO. 76074-304/306

USAF SCIENTIFIC ADVISORY BOARD

Jimmy Doolittle & _____

& _____

Air Force
Scientific Advisory Bd. Meeting
Held at Norton AFB, Calif.
4-5 April 67

AEROSPACE
CORPORATION

B- 426-2

SAN BERNARDINO

AEROSPACE CORPORATION

San Bernardino Operations, San Bernardino, California

ERNST H. KRAUSE, *Vice President*
General Manager, San Bernardino Operations

18 May 1967

Dr. Edward Teller
Lawrence Radiation Laboratory
University of California
Berkeley, California 94720

Dear Edward:

Enclosed are some photographs that were taken at the Scientific Advisory Board Meeting held at Norton Air Force Base on 4-5 April 1967.

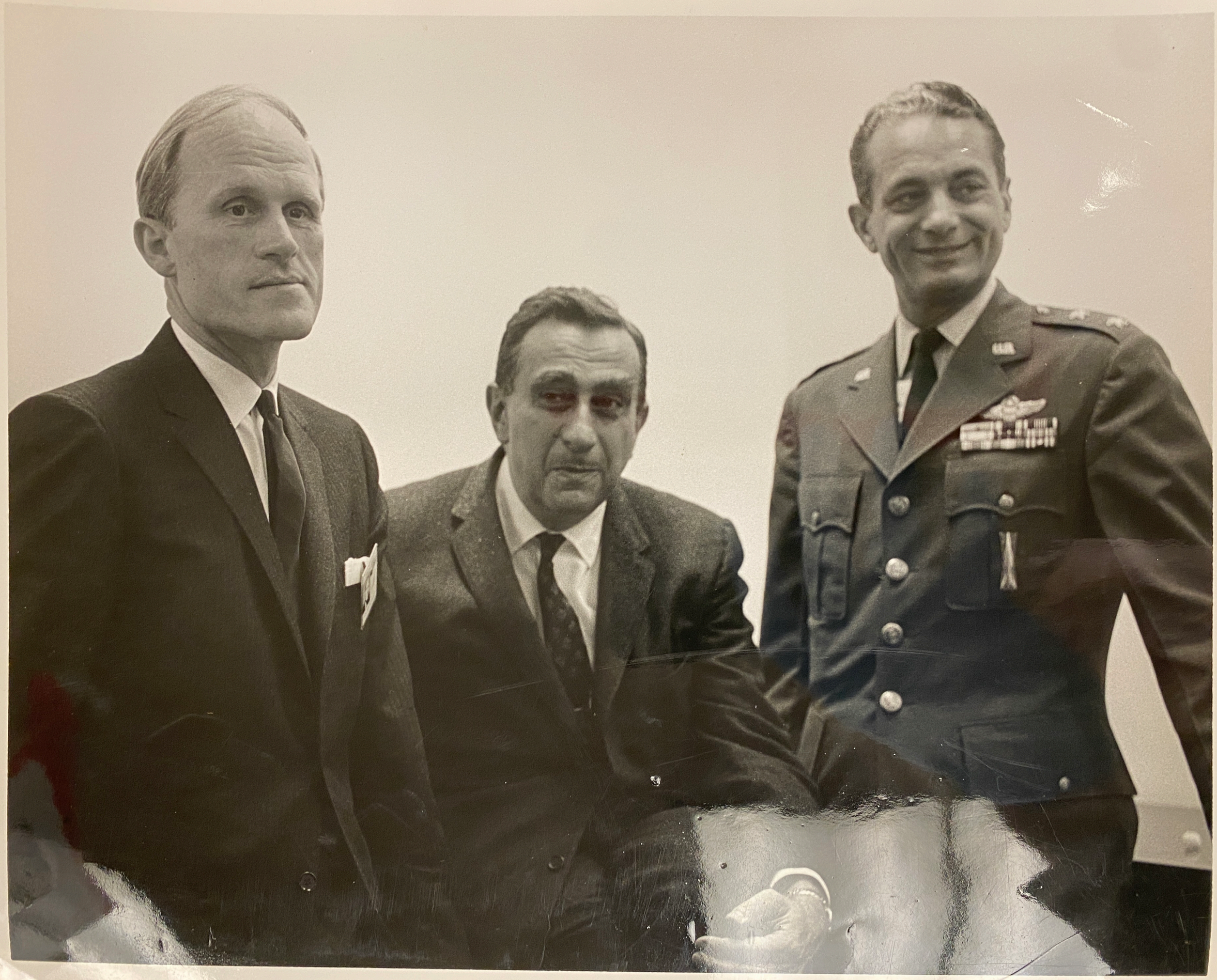
Sincerely,

Ernie

EHK:plk

Enclosures - Photographs

22976



AEROSPACE
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SAN BERNARDINO

USAF
DR. ALLEN F. DONOVAN

ERNEST H. KRAUSE ?

AEROSPACE
CORPORATION

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SAN BERNARDINO

Air Force
Scientific Advisory Bd. Meeting
Held at Norton AFB, Calif.
4-5 April 67

Ivan Getting & Dave Griggs

1967

Air Force
Scientific Advisory Bd. Meeting
Held at Norton AFB, Calif.
4-5 April 67

AEROSPACE
CORPORATION

B-426-1

SAN BERNARDINO

USAF SA

2 Aug 1976

Dr. Edward Teller
Lawrence Livermore Laboratory
P.O. Box 808
Livermore, CA 94550

Dear Dr. Teller

General Stewart sends his compliments and hopes you will add these to your album.

Sincerely

Atch
Photos

Atch
Photos

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AERONAUTICAL SYSTEMS DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE OHIO 45433

2 Aug 1976

MEMO TO: Dr. Edward Teller
Lawrence Livermore Laboratory
P.O. Box 808
Livermore, CA 94550

Dear Dr. Teller

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Sincerely

Atch
Photos

I. L. SCHWARTZ
CHIEF OF PROTOCOL

Gen Rhodes, Mr. Tremaine, Col Hall, Dr. Teller, Gen Martin

15 July 1976 - SAB Ad Hoc on Cruise Missile Technology, Officers' Mess, W-PAFB.

Dorene

Dorene E. Lackey
USAF Scientific Advisory Boar

Gen Rhodes, Mr. Tremaine, Col Hall, Dr. Teller, Gen Martin

15 July 1976 - SAB Ad Hoc on Cruise Missile Technology, Officers' Mess, W-PAFB.

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Gen Rhodes, Mr. Tremaine, Dr. Teller

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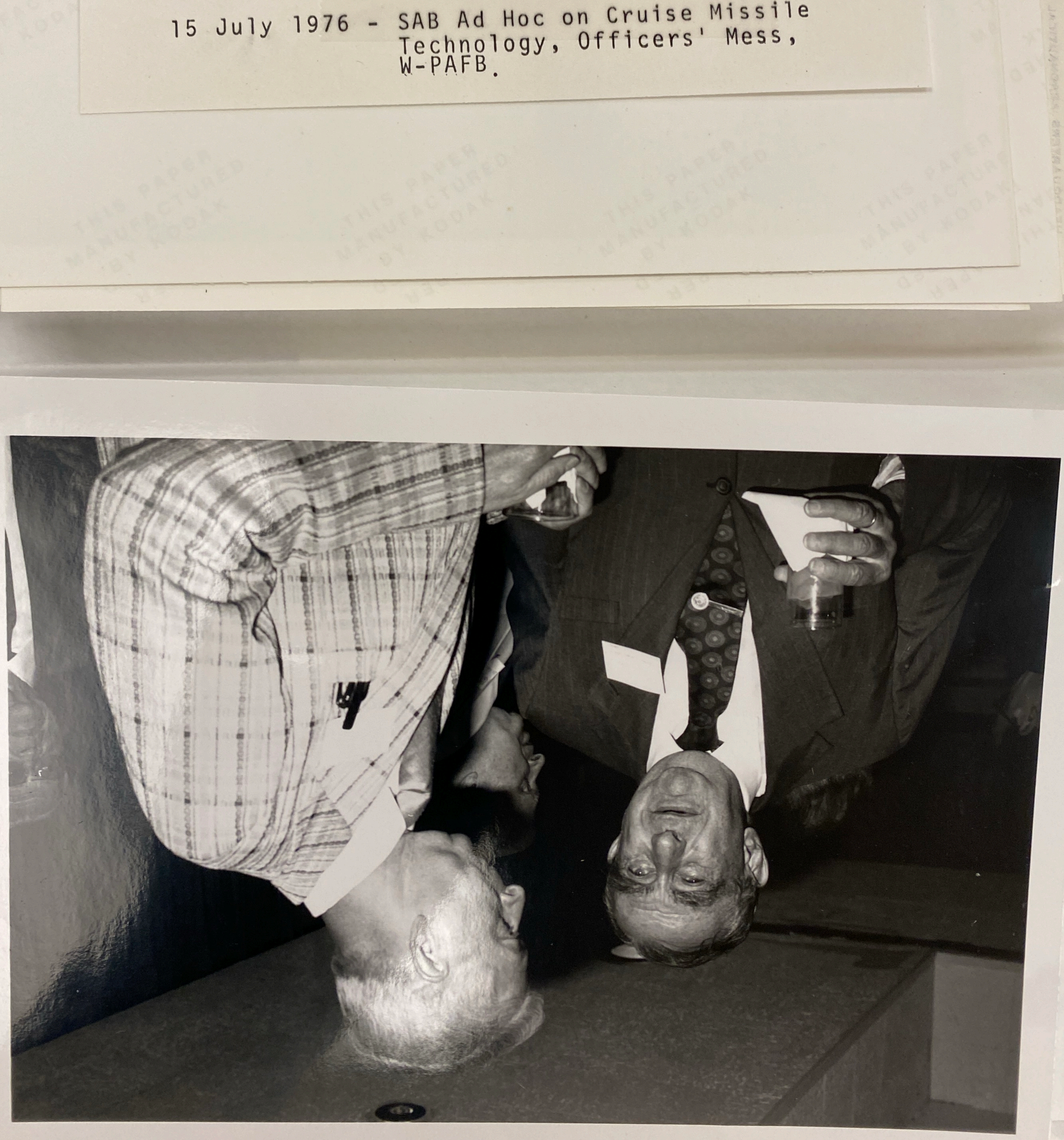

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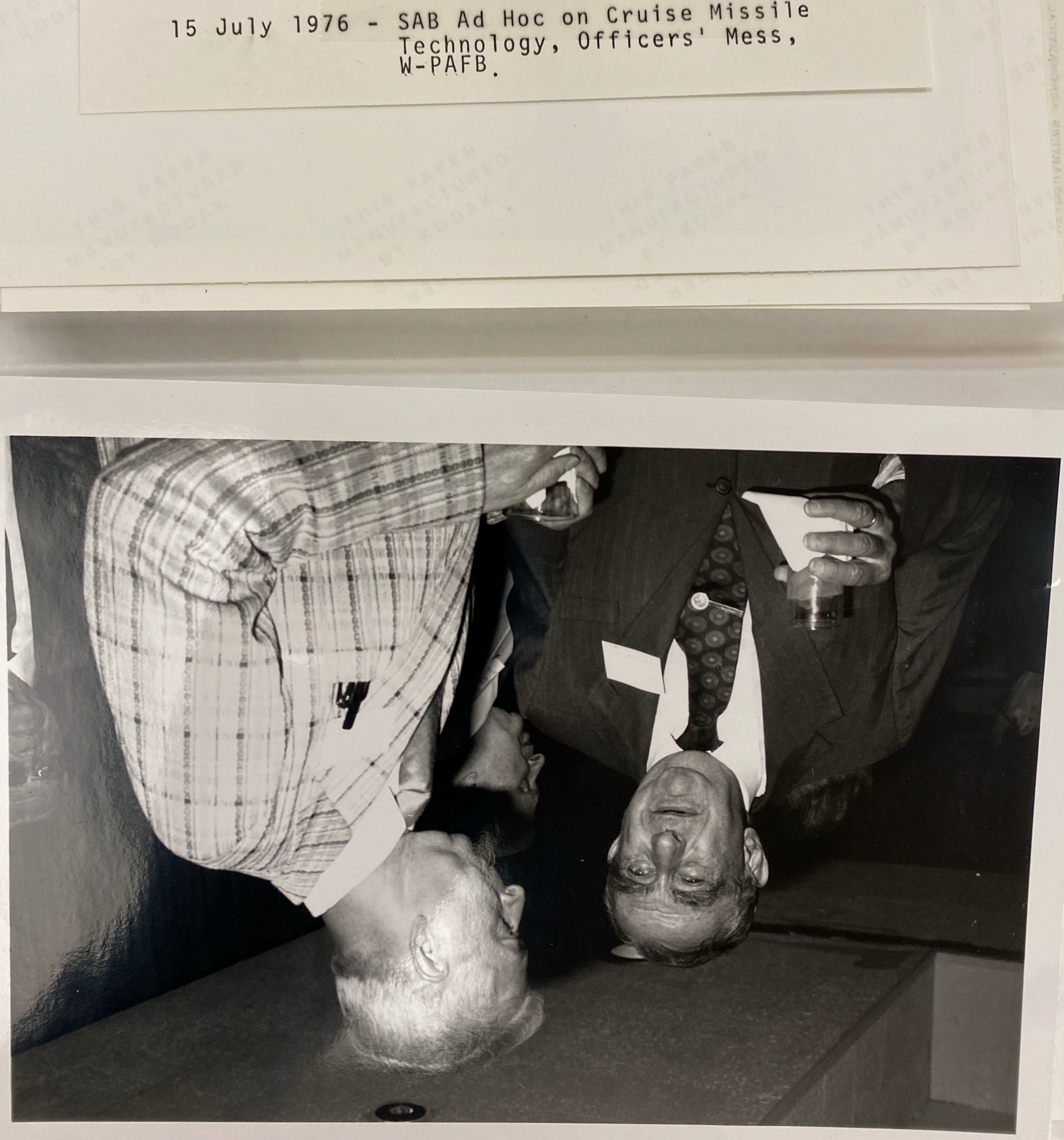
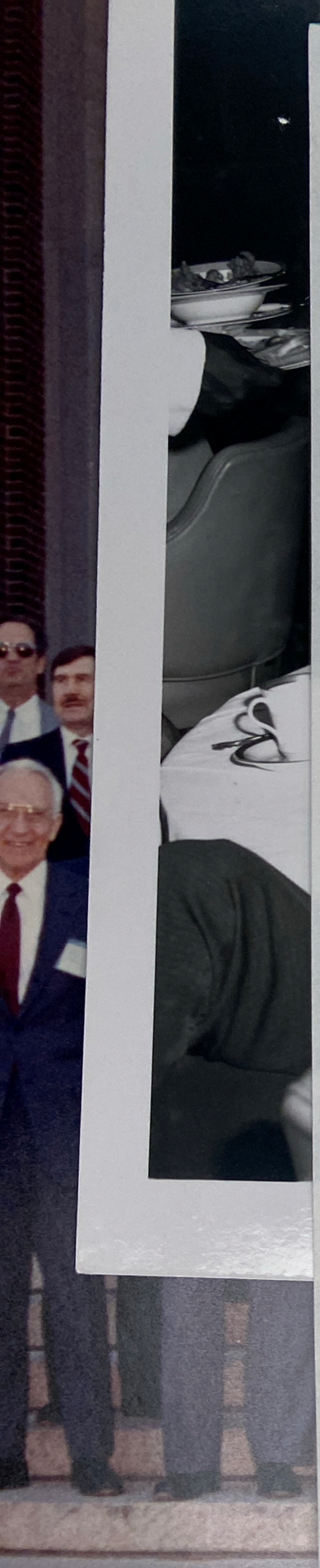


Dr. Teller, Gen Rhodes

15 July 1976 - SAB Ad Hoc on Cruise Missile Technology, Officers' Mess, W-PAFB.



HEADQUARTERS UNITED STATES AIR FORCE
USAF SCIENTIFIC ADVISORY BOARD
OFFICE OF THE SECRETARY OF THE AIR FORCE & CHIEF OF STAFF

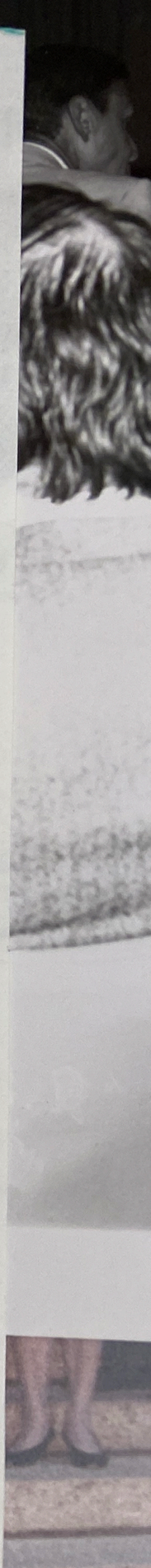
DATE 13 Aug 76

MEMO FOR: Dr. Teller

Thought you might like to have this photo taken at the Cruise Missile meeting at Wright-Patterson AFB in July.

Dorene

Dorene E. Lackey
USAF Scientific Advisory Board



...THE WAY WE WERE, 17 JUNE 1946.
AT OUR FIRST SAB MEETING
1

(Clockwise)
Dr. Ponitz (Sinclair Community College), Dr. Teller, Col Thompson

15 July 1976 - SAB Ad Hoc on Cruise Missile Technology, Officers' Mess, W-PAFB.

USAF Scientific Advisory Board
HQ USAF/SB
Washington, DC 20330-5430
WINTEX
1991

USAF SAB

USAF SCIENTIFIC ADVISORY BOARD SPRING GENERAL MEETING
15-16 April 1971 - Kirtland AFB, NM - Photo

SEATED - Left to Right (Front Row)

1. Dr. Charles M. Herzfeld
2. Prof Abraham Hertzberg
3. Mr. J. Russell Clark
4. Dr. Edward Teller
5. Mr. Grant L. Hansen
   Assistant SecAF (R&D)
6. Dean Courtland D. Perkins
7. General John D. Ryan
8. Lt General Otto J. Glasser
9. Dr. Robert G. Loewy
10. Dr. Ivan A. Getting
11. Dr. James W. Mar
    Chief Scientist, USAF
12. Dr. John F. McCarthy, Jr.

SECOND ROW SEATED - Left to Right

1. Major John F. Schaefer
2. Dr. Hans Mark
3. Prof Holt Ashley
4. Mr. Richard E. Horner
5. Prof Marvin R. Holter
6. Dr. Spiridon N. Suciu
7. Prof Bruce A. Reese
8. Dr. E. O. Hartig
9. Dr. William G. McMillan
10. Dr. Thomas B. Cook, Jr.
11. Dr. Harold W. Lewis
12. Dr. Robert D. Turner

THIRD ROW SEATED - Left to Right

1. Mr. Robert R. Everett
2. Dr. Gilbert W. King
3. Dr. Gerald M. McDonnel
4. Dr. Stuart Bondurant
5. Dr. Lysle H. Peterson
6. Prof Seymour M. Bogdonoff
7. Dr. Charles A. McDonald, Jr.
8. Mr. Keith W. Uncapher
9. Mr. Frank E. Heart
10. Mr. Donald J. Jordan
11. Dr. Willis H. Ware

STANDING - Left to Right

1. Major John V. Schafer, Jr.
2. Dr. Lester Goodman
3. Dr. Richard W. Porter
4. Dr. Francis S. Johnson
5. Dr. Frederick C. Frick
6. Dr. Edwin B. Stear
7. Prof Robert M. Howe
8. Mr. John J. Welch, Jr.
9. Dr. Richard C. Gibson
10. Dr. Gerald P. Dinneen
11. Dr. Bruce Billings
12. Dr. Robert N. Thorn
13. Dr. Arthur T. Biehl
14. Lt Colonel Edward C. Straub
15. Lt Colonel Robert E. Hays, Jr.

SABulletin

A QUARTERLY PUBLICATION OF THE USAF SCIENTIFIC ADVISORY BOARD

Volume 1, No. 2 November 1993

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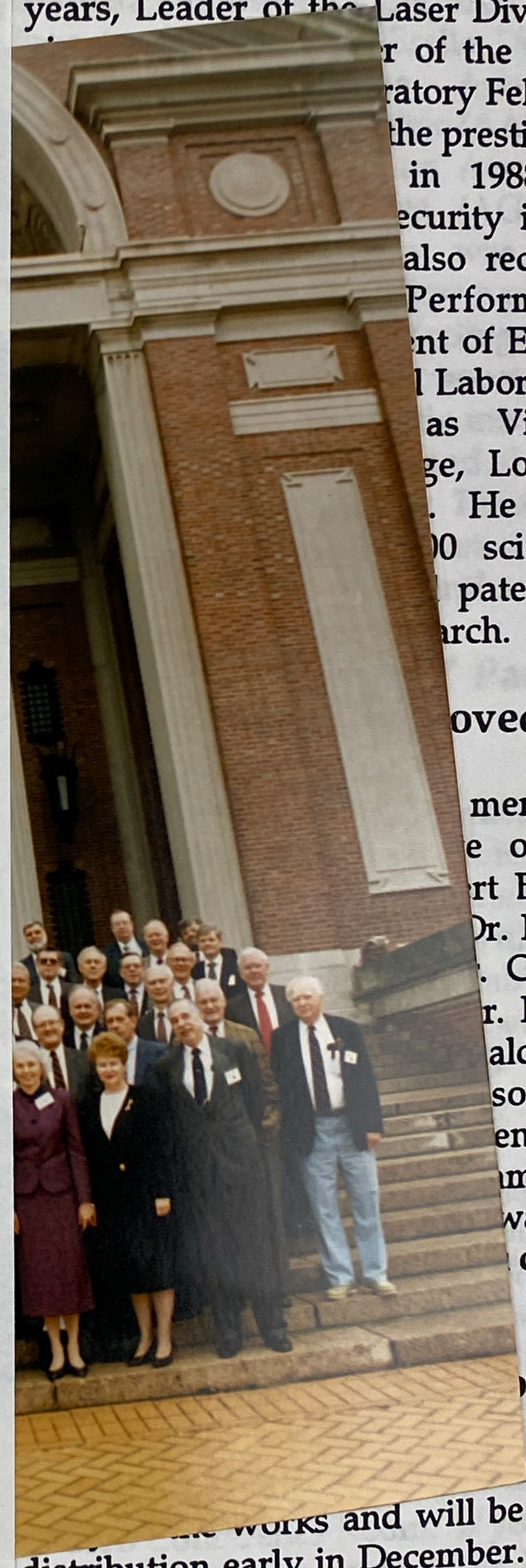

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distribution early in December. With
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NATIONAL WAR COLLEGE
THEODORE ROOSEVELT HALL

SABulletin

A QUARTERLY PUBLICATION OF THE USAF SCIENTIFIC ADVISORY BOARD

Volume 1, No. 2 November 1993

Dr. Gene McCall New SAB Chair

The Air Force Scientific Advisory Board welcomes Dr. Gene H. McCall as its 15th Chair. Dr. McCall replaces outgoing Dr. Hal Sorenson, who served the SAB as Chair since 1990. Dr. McCall began his official duties in October, at the SAB Fall Board Meeting. His immediate goals are to see currently active studies through to their conclusions and to ensure the successful beginning of the 1993-1994 schedule of studies (see related articles below).

Dr. McCall is a native of Albany, Georgia. He earned a Bachelor of Electrical Engineering degree (with honor) from Georgia Institute of Technology, a Master of Electrical Engineering degree from New York University, and a Ph.D. in Physics from Princeton University, where he was a NASA Predoctoral Fellow. Before entering the physics program at Princeton, Dr. McCall was employed by Bell Telephone Laboratories, where he worked on the first electronic telephone central office. At Princeton, he worked in the fields of atomic physics and nuclear magnetic resonance. Upon completing his degree, Dr. McCall spent two years at the University of Washington as a post-doctoral research associate, then joined the Los Alamos Scientific Laboratory as a Staff Member in 1969.

At Los Alamos, Dr. McCall undertook research in lasers, plasmas instrumentation for laser-driven fusion, the interaction of high-intensity laser light with matter, production of hypervelocity particles, and computer algorithms for modeling conventional and nuclear weapons. He served as Group Leader for four years, Leader of the Laser Division, and, since 1982, a member of the select group of Los Alamos Laboratory Fellows.

Dr. McCall received the prestigious E. O. Lawrence Award in 1988 for contributions to national security in the field of physics. He has also received several Distinguished Performance Awards, from the Department of Energy and the Los Alamos National Laboratory. Dr. McCall has served as Visiting Professor at Imperial College, London, and Osaka University, Japan. He is the author of approximately 100 scientific papers, and he holds several patents in instrumentation for laser research.

New Members Approved

We also welcome our new members, who were approved to serve on the Board. They are Lt Gen Robert Beckel, USAF (Ret), Dr. Barry Boehm, Dr. Phillip Francis, Mr. Milton Finger, Mr. Charles Gandy, Dr. Alexander Glass, Dr. Robert Hughes, Prof. Digby Macdonald, Dr. James Mitchell, Dr. Donald Nielson, Mr. Robert Patton, Dr. Duane Stevens, Dr. Henry Taylor, Dr. Donald Williams and Dr. Peter Worch. We look forward to working with you and serving you during your membership on the Board.

New Members Handbook

A New Members Handbook is currently in the works and will be ready for distribution early in December. With Christmas mailing, members may not receive the new edition until January 1994.

Joint Modeling and Simulation Systems

The SAB Chair, Dr. Gene H. McCall, recently asked Professor Alexander Levis to initiate a study on *Joint Modeling and Simulation Systems (JMASS)*. Professor Levis' Ad Hoc Committee will review the JMASS program for consistency and congruency among program direction, validated requirements, technical focus, and resource availability. The study will be completed by the end of January 1994.

Theater Air Defense

Mrs. Natalie Crawford, Chair of the SAB's major 1993 study, *Options for Theater Air Defense*, briefed the study results to Gen McPeak, Air Force Chief of Staff, and to Dr. Sheila Widnall, Secretary of the Air Force. General McPeak was impressed with the study effort and described the issue of theater air defense as "central to our work during the next decade." He also indicated the Air Force was not organized properly to deal with the problem, and that he may need to use a "Manhattan Project" approach to establish the appropriate focus and autonomy.

Since then, Maj Gen W. Thomas (Tiny) West, has been named Special Assistant for Theater Air Defense. He is responsible directly to the SECAF and CSAF for theater air defense strategy, planning, policy, joint operational requirements, force structure, prioritization of acquisition and modernization efforts, and arms control issues and fiscal considerations.

Mrs. Crawford has also presented the results of the *Options for Theater Air Defense* study results to Gen Loh, ACC Commander, Dr. Jones, DDR&E, Lt Gen Glosson, AF/XO, Gen Yates, AFMC Commander, Ms. Druyun, SAF/AQ (acting), Mr. Warner, ASD (Strategy & Resources), Dr. Deutch, USD(A), and Gen Horner, AFSPACECOM Commander.

On 11 November, Maj Gen (Ret) Lamberson, chair of the boost-phase panel of the Theater Air Defense study, travelled to London to present an unclassified summary of the SAB study findings to the Theater Missile Defense working group of the Aerospace Applications Study Committee (AASC) of NATO's Advisory Group on Aerospace Research and Development (AGARD). The AASC study group was very appreciative of the effort and was particularly interested in the SAB findings relating to pre-launch and boost-phase interception of theater ballistic missiles.

The executive summary and detailed study reports on *Options for Theater Air Defense* should be completed and published in the next two months.

Reminder for All S&T Panel Chairs

Professor Eugene Covert requests that chairs of each laboratory S&T review plan to attend at least one day, either 13-14 December, and provide him with your assessment and scores for the lab's S&T programs. Be sure to identify two-three "Best Efforts" and one or two "Areas Needing Attention." The meeting will be held at the ANSER Corporation. Please inform Mr. Baron Mason or Maj Dave Hincy, if you have not already done so, whether you can/cannot attend. We will work an agenda once we know your schedule and provide it to you prior to the meeting. Also, Professor Covert will brief Mr. Mattice on the overall S&T results on 19 January, from 10:00 to 11:30, in the SAB Conference Room. If you have any questions, please contact Maj Hincy.

Fall General Board Meeting

We would like to thank all who made this year's Fall General Board Meeting a success. We appreciate Ad Hoc Study briefings given by Professor Eugene Covert on *C-141 Service Life Extension Program (SLEP)*, Mr. Lynwood Cosby on *Global Positioning Systems*, and Dr. Jack Walker on *Aircraft Self Defense Against IR Missiles*.

1994 Study Topics

On 20 September, Drs. Hal Sorenson and Bob Naka, along with the new Chair, Dr. Gene McCall met with the CSAF and SECAF to discuss the topics for SAB study in the upcoming year. At that time, six topics were selected and verbally approved for study. The 1994 Summer Study topic will be *Enhancement of Capabilities and Life Extension of Air Force Aircraft*. The five ad hoc studies selected were *Technology Opportunities for Wide Area and Local Area Communications*, to be led by Dr. Bob Naka, *Phase II-Aircraft Self Defense Against IR Missiles*, to be led by Dr. Dennis Murray, *Explore Air Force Unique Environmental Issues*, a topic that is still under discussion for further review and definition, *Metric/Methodology for Software Test and Evaluation*, to be chaired by Dr. Chuck Morefield, and *Technology Challenges to Improve the Efficiency and Cost-Effectiveness of USAF Space Launch Capabilities*, to be headed by Dr. Tony Hyder.

Summer Study on Aging Aircraft Life Extension

The 1994 Summer Study on *Aging Aircraft Life Extension* will be chaired by Professor Eugene Covert. The study will look at future mission requirements of Air Combat Command, Air Mobility Command, and other special programs to see how these requirements dictate weapon system modifications. Also, the study will give advice as to how technology can be used in allowing the aircraft subsystems to accommodate changes in mission. Furthermore, the study will examine the technology for better assessment of the airframe status and ways to improve maintainability. The study will kick off in early January. However, an initial organizing session is set by Professor Covert for 20 December, to review the terms of reference and organization of the study.

Summer Study

The 1994 Summer Study will be held at the National Academy of Sciences and Engineering, Arnold and Mabel Beckman Center once again. Our meeting dates are 1-11 August. Our session will follow the Army Science Board, and will precede the Defense Science Board, both of which are also meeting at the Beckman Center.

Defense Science Board New Members

On 20 October, John Deutch, the Under Secretary of Defense for Acquisition announced the new members of the Defense Science Board. The Board size has recently been reduced from 42 to 31 members. The members are: Dr. Paul Kaminski, Chair, David Heebner, Vice Chair, Edward Aldridge, ADM Lee Baggett, Jr. USN (Ret), Edwin Biggers, Dr. H. Kent Bowen, G. Dean Clubb, Gordon England, Dr. Craig Fields, Dr. John Foster, Jr., Charles Fowler, Dr. Jacques Gansler, Joan Habermann, George Heilmeier, Dr. Robert Hermann, Arthur Johnson, Dr. Donald Kerr, C.G. King, Dr. Steve Koonin, Dr. Joshua Lederberg, Walter Morrow, Jr., Philip Odeen, Robert Parker, Dr. Percy Pierre, Gen Bernard Randolph, USAF (Ret), Dr. Maxine Savitz, Gen John Vessey,

USA (Ret), Gen Larry Welch, USAF (Ret), Dr. George Whitesides, Dr. Susan Wood, and LTG John Woodmansee, USA (Ret).

Spring General Board Meeting

The 1994 Spring General Board Meeting will be held on 20-21 April 1994 at Air Mobility Command, Scott AFB, IL. We plan two full days of activity, hearing important issues from our host, General Ronald R. Fogleman, CINC TRANSCOM and AMC/CC, as well as updating the business of the SAB. We will definitely focus time on our 1994 Summer Study topic and the upcoming 50th Anniversary recognition of the SAB.

Travel Vouchers

It's voucher season again! With the most recent boards and studies, the SAB is expected to receive numerous amounts of travel vouchers simultaneously. Please be aware of the following points to ensure the speedy processing of your voucher(s):

- Completely fill out the travel vouchers, especially the itinerary. The payment of per diem is based upon the times of travel.
- Ensure all receipts are attached. Originals are preferred but not mandatory. All expenses have to be justified, no matter how small.
- If member elects to drive his or her own private auto or fly their private plane, request you contact the SAB office prior to travel. Authorization must be given in advance. If not, the travel orders must be amended and the processing of the voucher would be prolonged.
- When sending in the travel voucher(s), please include at least four copies of your orders and/or letters of authorization. This will save the processor time and will ensure rapid mailing of your voucher to finance.
- Members should purchase airline tickets through Carlson Travel Network. If tickets are purchased elsewhere, the SAB cannot promise full reimbursement.

For those members who are unaware of the payment process, here is some other useful information:

- All expenses are based on per diem. Depending on the location(s) of travel, the Government pays for lodging and meals at a set rate.
- No receipts are necessary for meals, unless a conference fee is established. The receipt for this fee must indicate cost and what the fee covers.
- A lodging receipt is always necessary, even if you are lodging at military quarters.

If any member is having difficulty completing a travel voucher, please call the SAB office first. Anyone in the office can handle most problems or questions over the phone. The SAB is dedicated to seeing that each member is paid for his or her expenses.

SAB 50th Anniversary

During our orientation session with Secretary Widnall, she expressed a desire to recognize the 50th Anniversary of the SAB. As everyone knows, General Arnold documented his intentions regarding Dr. von Karman's formation of the initial Scientific Advisory Group in a memorandum dated 7 November 1944.

The SAB Secretariat has already contacted Dr. Dick Hallion, the Air Force Historian, about getting something started. We will also rely heavily on the recommendations and ideas of our Senior Scientists, past Chairs, USAF leaders, and others. The Secretariat will plan a symposium, likely in conjunction with the 1994 Fall General Board Meeting, which will focus on the past and the future of the SAB. We will need support from a wide audience, including the current membership, in order to host and document a first-rate review of the SAB, past, present and future.

appreciation for your many invaluable contributions to the SAB, SAC, and the Air Force. It was indeed both a privilege and a pleasure to know you and work with you on the Strategic Cross Matrix Panel studies. If you'll promise to let me know when you're coming back to Omaha, I'm sure I can get you booked for a return concert engagement, particularly at the de Groot Conservatory. In return, I'll promise to call when Pat and I visit the San Francisco area.

With best regards,

John P. de Groot,Jr.
Colonel, USAF (Ret.)

9001 Shirley Street
Omaha, NE 68124
(402) 391-5099

July 19, 1991

Dr. Edward Teller
Associate Director Emeritus
Lawrence Livermore National Laboratory
P.O. Box 808, L-O
Livermore, CA 94550

Dear Dr. Teller

It's hard to believe that over three months have flown by since you joined us for the Spring Air Force Scientific Advisory Board meeting at Offutt Air Force Base. Enclosed are some pictures of your most generous and wonderful contribution to that meeting's evening social. Judging from the expressions of the audience, your music held everyone spellbound and we'll all remember your superb concert performance as the highlight of the meeting.

I hope you enjoy these pictures and accept them as a gesture of our appreciation for your many invaluable contributions to the SAB, SAC, and the Air Force. It was indeed both a privilege and a pleasure to know you and work with you on the Strategic Cross Matrix Panel studies. If you'll promise to let me know when you're coming back to Omaha, I'm sure I can get you booked for a return concert engagement, particularly at the de Groot Conservatory. In return, I'll promise to call when Pat and I visit the San Francisco area.

With best regards,

John P. de Groot,Jr.
Colonel, USAF (Ret.)

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With best regards,

John P. de Groot, Jr.
Colonel, USAF (Ret.)

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THIS PAPER MANUFACTURED BY KODAK

I hope you enjoy these pictures. appreciation for your many invaluable contributions to the SAB, SAC, and the

U.S.A.F. SAB Meeting
Offutt AFB
(Spring Board Meeting)

April 9, 1991

I hope you enjoy these pictures

appreciation for your many invaluable contributions to the SAB, SAC, and the

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9001 Shirley Street
Omaha, NE 68124
(402) 391-5099

July 19, 1991

Dr. Edward Teller
Associate Director Emeritus
Lawrence Livermore National Laboratory
P.O. Box 808, L-O
Livermore, CA 94550

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SECRETARY OF THE AIR FORCE
WASHINGTON

SEP - 5 1995

Dr. Edward Teller
Lawrence Livermore National Laboratory
P.O. Box 808, L-0
Livermore, CA 94550

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98

Dear Dr. Teller:

ET sent on 10/4

As you know, we are continuing to examine ways to improve our use of the Scientific Advisory Board and in so doing, I have determined that we must bring our membership policies in line with those of the other military services and the Defense Science Board. I recognize that the SAB predates them all, and I share your pride in the many accomplishments that have resulted from your work on the SAB. However, now is the time for us to return to a single membership category for the SAB, as begun by Dr. von Kármán.

Beginning in October 1995, the SAB will have only a single category of membership and we will disestablish the five Senior Scientist positions. This will be an administrative change, and I assure you that we will continue to seek and rely upon your wise counsel and expertise on a variety of matters. We will involve you in the SAB semi-annual membership sessions and will request your assistance with studies and other activities as our needs and your availability allow.

You have the gratitude of the men and women of the Air Force for your years of service with the SAB, and we will continue to call upon you. As we continue to mark our "Five Decades of Progress Toward New Horizons," we look forward to your continued support.

Sheila E. Widnall

late 1950s

USAF SAB

GEN Doolittle ___, Dave Griggs
Dr. Teller _____, _____

1. GEN James Doolittle, USAF
2. Secretary of Air Force, Finletter
3. Professor David Griggs, UCLA
4. ET
5. ?
6. ??

left to right

General James Doolittle

Secy of A. F. Finletter

Prof David Griggs, UCLA

Dr Edward Teller

2.

2.

Late 1950's

Al Latter & ~~Pr~~ E. H. Krause

Mar. 10, 1965

left to right

General James Doolittle

Secy of A. F. Finletter

Prof David Griggs, UCLA

Dr Edward Teller

2.

2.

late 1950's

Al Latter & ~~Dr~~ E.H. Kramer

Nov. 10, 1966

Air Force
Scientific Advisory Bd. Meeting
Held at Norton AFB, Calif.
4-5 April 67

AEROSPACE
CORPORATION

13-426-20

SAN BERNARDINO

HEADQUARTERS UNITED STATES AIR FORCE
USAF SCIENTIFIC ADVISORY BOARD
OFFICE OF THE SECRETARY OF THE AIR FORCE & CHIEF OF STAFF

DATE 10 Nov 66

MEMO FOR: Dr. Teller

Thought you might be interested in photographic evidence of the SAB party at Wright-Patterson.

RJB

ROBERT J. BURGER
Colonel, USAF
Secretary
USAF Scientific Advisory Board

Ernest Krause, Al Latter
& Dr. Teller

Air Force
Scientific Advisory Bd. Meeting
Held at Norton AFB, Calif.
4-5 April 67

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13-426-20

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ROBERT J. BURGER
Colonel, USAF
Secretary
USAF Scientific Advisory Board

Ernest Krause, Al Latter
& Dr. Teller

Ernest Krause, Al Latter

& Dr. Teller

from USAF/SAB

Dr. Edward Teller &

Air Force
Scientific Advisory Bd. Meeting
Held at Norton AFB, Calif.
4-5 April 67

AEROSPACE
CORPORATION

S-426-22

SAN BERNARDINO

Air Force
Scientific Advisory Bd. Meeting
Held at Norton AFB, Calif.
4-5 April 67

AEROSPACE
CORPORATION
SAN BERNARDINO

AF- 426-xx

from USAF/SAB

Dr. Edward Teller & _____

1-2 NOVEMBER 1966 - USAF SCIENTIFIC ADVISORY BOARD AT WPAFB

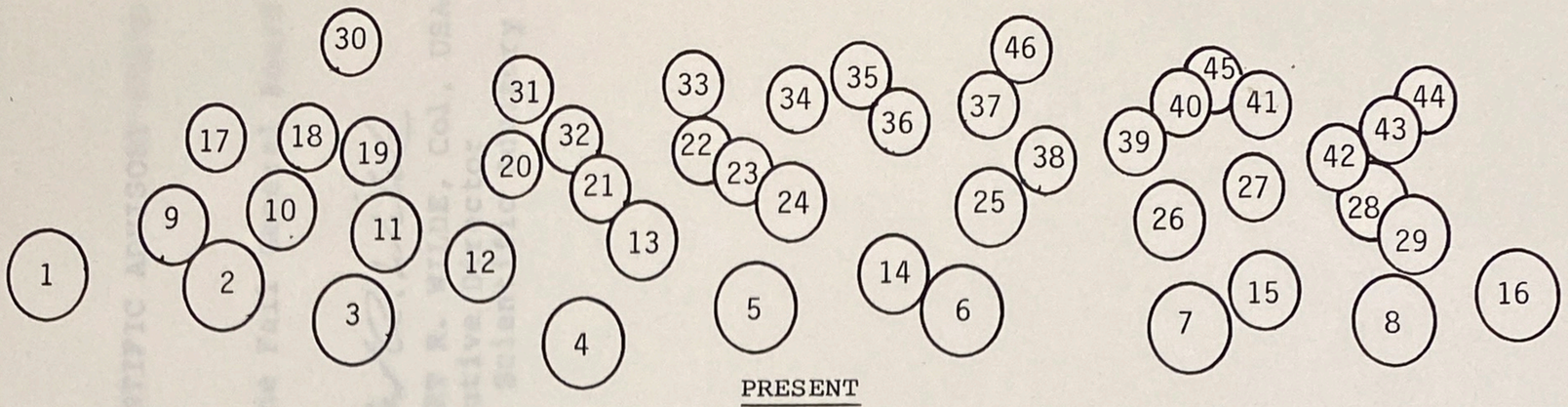
Dr. Edward Teller (Senior Statesmen) and
Dr. H. Guyford Stever (SAB Chairman)

AIR FORCE PHOTO
WRIGHT-PATTERSON AFB, OHIO

USAF SCIENTIFIC ADVISORY BOARD

1987 FALL BOARD MEETING

FT MCNAIR, DC



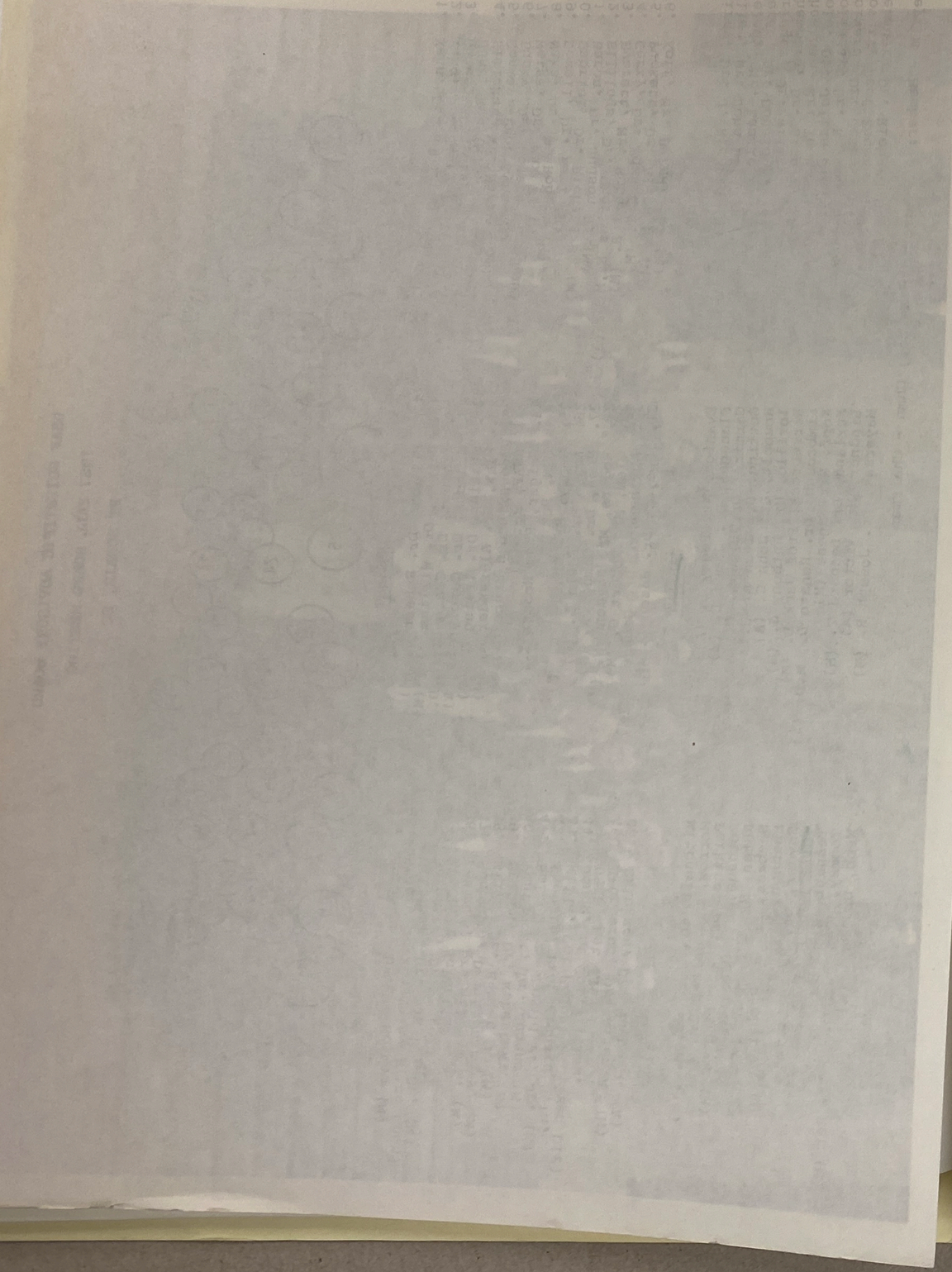
PRESENT

1. Kahn, Dr. Robert E. (M)
2. Yang, Dr. Henry T. Y. (M)
3. Welch, MGen Jasper A., Jr., USAF, Ret (M)
4. Hillaker, Mr. Harry J. (M)
5. Conway, Prof Lynn (M)
6. Lucky, Dr. Robert W. (Chmn)
7. Weiss, Dr. Max T. (M)
8. Naka, Dr. F. Robert (M)
9. Dowell, Dr. Earl (M)
10. Gabriel, Dr. Richard F. (M)
11. Baron, Dr. Judson R. (M)
12. Billings, Dr. Charles E.,M.D. (A)
13. Everett, Mr. Robert R. (M)
14. Gerry, Dr. Edward T. (M)
15. Puckett, Dr. Allen E. (M)
16. Koff, Mr. Bernard L. (M)
17. Fillers, Dr. Robert W. (M)
18. Happer, Dr. William, Jr. (M)
19. Fischer, Dr. Craig L., M.D. (M)
20. Huntoon, Dr. Carolyn S. (A)
21. Statler, Dr. Irving C. (M)
22. Flax, Dr. Alexander H. (M)
23. Brown, LtGen Bruce K., USAF, Ret (M)
24. Geiger, RAdm Robert K., USN, Ret (M)
25. Gandy, Mr. Charles L. (M)
26. Key, Mr. Edwin L. (M)
27. Musa, Dr. Samuel A. (M)
28. Rogers, Mr. Raymond N. (M)
29. Clem, Mr. Robert G. (M)
30. Abrahamson, Dr. George R. (M)
31. Speyer, Dr. Jason L. (M)
32. Abramson, Dr. H. Norman (M)
33. Stear, Dr. Edwin B. (Vice Chmn)
34. Williams, Dr. Max L., Jr. (M)
35. Sorenson, Dr. Harold W. AF Chief Scientist
36. Lehmann, Dr. William L. (M)
37. Buchanan, Dr. Leonard F. (M)
38. Mills, Dr. Harlan D. (M)
39. Seldon, Dr. Robert W. (M)
40. Pentecost, Dr. Eugene (M)
41. Smith, Dr. Harold P., Jr. (M)
42. Shevell, Prof Richard S.(M)
43. Wilde, Col Robert R. (Exec Dir)
44. Jenne, Lt Col William, USAF, Ret (Staff)
45. Stubberud, Dr. Allen R. (M)
46. Erickson, Dr. Wayne D. (A)

ABSENT

Airey, Dr. J. Richard (M)
Allen, Dr. John L. (M)
Belady, Mr. Laszlo A. (M)
Beran, Dr. Donald W. (A)
Bridges, Dr. William (M)
Chambers, Dr. Alan B. (A)
Cheatham, Mr. Thomas E., Jr. (M)
Cole, Dr. Julian D. (M)
Colladay, Dr. Raymond S. (A)
Colvard, Dr. James E. (A)
Covert, Prof Eugene E. (M)
DeLauer, Dr. Richard D. (M)
Evanich, Ms. Peggy L. (A)
Flanagan, Dr. James L. (M)
Garmire, Dr. Elsa M. (M)
Getting, Dr. Ivan A. (M)
Houbolt, Dr. John C. (A)
Iorillo, Mr. Anthony J. (M)
Kerrebrock, Prof Jack L. (M)
Kimbrough, Dr. Renate D., M.D. (A)
Kopf, Mr. Eugene (M)
Kurland, Dr. Leonard T. (M)
Lindner, Mr. Victor (A)
Mayersak, Dr. Joseph R. (M)
Mitchell, Dr. Jere H., M.D.(M)
Morrow, Mr. Walter E. (M)
Perkins, Dr. Courtland D. (M)
Rothaus, Dr. Oscar S. (M)
Rutan, Mr. Elbert L. (M)
Seebass, Dr. A. Richard (M)
Shannon, Mr. Robert R. (M)
Snyder, Dr. Harry L. (M)
Teller, Dr. Edward (M)
Tennant, Mr Samuel M. (M)
Toomay, MGen John C., USAF, Ret (M)
Webb, Dr. Paul (M)

Key: M - Member; A - Associate Member; Chmn - Chairman



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D.C. 20330

12 FEB 1988

MEMORANDUM FOR MEMBERS OF THE USAF SCIENTIFIC ADVISORY BOARD

SUBJECT: Group Picture

Attached is group photo taken at the Fall General Board Meeting at Fort McNair last October.

Robert R. Wilde

ROBERT R. WILDE, Col, USAF
Executive Director
USAF Scientific Advisory Board

2 Atch
1. Photo
2. Member Identifier List

USAF SCIENTIFIC ADVISORY BOARD

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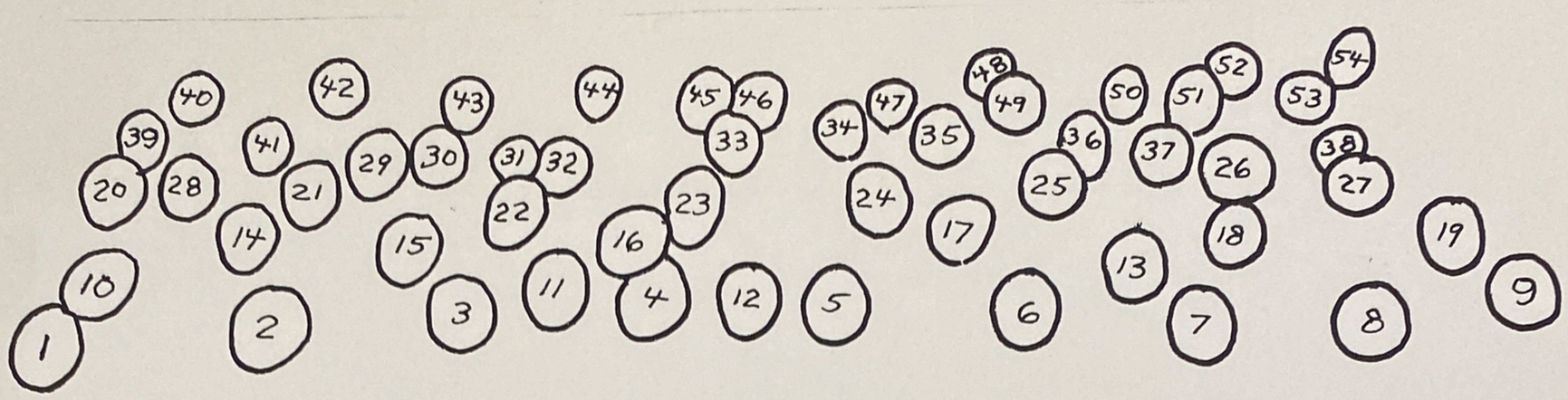
USAF SCIENTIFIC ADVISORY BOARD
1986 FALL BOARD MEETING
(FORT MCNAIR)



Present

17 Abrahamson, Dr George R (M)
37 Abramson, Dr H Norman (M)
11 Airey, Dr J Richard (M)
21 Allen, Dr John L (M)
23 Altis, Mr Harold D (M)
50 Billings, Dr Charles E (A)
46 Bossler, RAdm John D (A)
43 Bostrom, Dr Carl O (M)
10 Chambers, Dr Alan B (A)
26 Clem, Mr Robert G (M)
54 Covert, Prof Eugene E (M)
44 DePoy, Dr Phil E (M)
42 Erickson, Dr Wayne D (A)
18 Evanich, Ms Peggy L (A)
35 Fillers, Dr Robert W (M)
30 Fischer, Dr Craig L (M)
12 Flax, Dr Alexander H (M)
41 Gabriel, Dr Richard F (M)
32 Geiger, RAdm (ret) Robert K (M)
3 Gerry, Dr Edward T (M)
27 Getting, Dr Ivan A (M)
36 Gustavson, Dr Marvin R (M)
34 Happer, Dr William, Jr (M)
24 Heart, Mr Frank E (M)
14 Heiser, Dr William H (M)
33 Houbolt, Dr John C (A)
4 Key, Mr Edwin L (M)
31 Kimbrough, Dr Renate D (A)
1 Koff, Mr Bernard L (M)
29 Kopf, Mr Eugene (M)
28 Kresa, Mr Kent (M)
22 Kurtland, Dr Leonard J (M)
19 Lindner, Mr Victor (A)
5 Lucky, Dr Robert W (Chm)
51 Mills, Dr Harlan D (M)
39 Morrow, Mr Walter E, Jr (M)
20 Murray, Dr Dennis P (M)
15 Naka, Dr F Robert (M)
6 Pentecost, Dr Eugene (M)
40 Plummer, Mr James W (M)
45 Rutan, Mr Elbert L (M)
48 Seebass, Dr A Richard (M)
49 Selden, Dr Robert W (M)
53 Snyder, Dr Harry L (M)
13 Sorenson, Dr Harold W (Steer Cmte)
16 Stear, Dr Edwin B (Vice Chm)
38 Stubberud, Dr Allen R (M)
25 Tennant, Mr Samuel M (M)
7 Tennenbaum, Dr Jay M (M)
2 Welch, MGen (ret) Jasper A (M)
47 Welliver, Mr A D (M)
9 Wilde, Col Robert R (Sr Exec Off)
52 Williams, Dr Max L, Jr (M)
8 Yang, Dr Henry T Y (M)

Missing

Beran, Dr Donald W (A)
Bridges, Dr William (M)
Brown, Dr William M (M)
Buchanan, Dr Leonard F (M)
Cheatham, Mr Thomas E (M)
Cole, Dr Julian D (M)
Colladay, Dr Raymond S (A)
Colvard, Dr James E (A)
DeLauer, Dr Richard D (M)
Everett, Mr Robert R (M)
Flanagan, Dr James L (M)
Garmire, Dr Elsa M (M)
Huntoon, Dr Carolyn S (A)
Iorillo, Mr Anthony J (M)
Kerrebrock, Prof Jack L (M)
Mitchell, Dr Jere H (M)
Perkins, Dr Courtland D (M)
Rothaus, Dr Oscar S (M)
Shannon, Mr Robert R (M)
Shevell, Prof Richard S (M)
Smith, Dr Harold P, Jr (M)
Statler, Dr Irving C (A)
Teller, Dr Edward (M)
Tiffany, Mr Charles F (M)
Toomay, MGen (ret) John C (M)
Webb, Dr Paul (M)
Whitman, Dr Robert V (M)

KEY: M-Member, A-Associate, Chm-Chairman, Cmte-Committee

USAF Scientific Advisory Board

USAF SCIENTIFIC ADVISORY BOARD 50th ANNIVERSARY 1995

7 March 96

Dear Dr. Teller,

For the past year, I have been the historical advisor to the USAF Scientific Advisory Board. You may remember that we met in April 1995 at Maxwell AFB during the SAB barbeque. We also did a television interview during that Spring Board meeting, portions of which were included in the *New World Vistas* video production which I have enclosed. I hope you enjoy the show.

I have also been informed that you are writing your memoirs. I have enclosed several photos from the last year's SAB activities for you to keep and use as you see fit. I am at your disposal if you require any historical information from the Pentagon for your work. Please feel free to contact me in Washington.

Additionally, it would be a great honor for me if you would autograph the enclosed photograph of you and me from the Spring SAB barbeque. I have enclosed a return envelope for your use.

Again, let me thank you for your participation in the production of the video. It was a distinct pleasure including you in the project.

Respectfully,

Dik A. Daso, Major, USAF
Work (703) 695-9066
Home (703) 425-8985

MAJOR DIK A. DASO
Air Force Fighter Pilot
and Historian for the

USAF Scientific Advisory Board
50TH Anniversary

HQ USAF/SB
ROOM 5D982, PENTAGON
WASHINGTON, D.C. 20330-5430

~~**(703) 697-8404**~~
~~**(DSN) 227-8404**~~
~~**FAX: (703) 693-6262**~~
HOME/FAX: (703) 425-8985

9 Nov 94

50th Anniversary of the SAB Banquet

Teuer McCall Peebles

9 NOV 94

50TH ANNIVERSARY OF THE SAB BANQUET

TELLER DR. GENE MCCALL DR. COLLET PERKINS

9 Nov 94

50th Anniversary of the SAB Banquet

Tenor Dr. Gene McCabe Dr. Carey Fleeman

SPRING BOARD MAXWELL AFB 1995 ~~1996~~

DR TELLER FRONT & CENTER

MAY 1-5

Sr. Vice Pres. Maxwell AFB 1995

Dr. Teuter Front & Center

Mgt 1-5

Dr Teller interviewed by Mr.
Jim Slade for New World Visitas
Video Production SAB Spring Buffet 1995
May 1-5

Dr Tellez Interviewed by Mike
Jim Slade for New Horizons Visits
Video Productions SAB Space Expo 1995
Mgt 1-5

Dr Teller & Major Dr A. Daso, USAF
Discussing Dr. Theodore von Kármán &
the SAB early days. SAB Spring Board 75
May 1-5

Dr Teller & Major Dr A. Daso, USAF
Discussing Dr. Theodore von Kármán &
the SAB early days. SAB Spring Board 75
May 1-5

FALL SAB MEETING NOVEMBER 1994

DR. TELLER FRONT ROW NEXT
TO DR. GENE McCALL, SAB CHAIRMAN.

The Staff Meeting November 1994

Dr. Teller from Room Pew Next to Dr. Dave Mitchell, Staff Chairman.

9 NOV 94

50TH ANNIVERSARY OF THE SAB BANQUET

9 NOV 94

50TH ANNIVERSARY OF THE SAB BANQUET

9 Nov 94

50th Anniversary of the SAB Banquet

9 Nov 94

Dinner Reception of the SAR Board

9 NOV 94

50TH ANNIVERSARY OF THE SAB BALLET

TELLER McCALL

PERKINS